

Montgomery County Police Department Performance Review

Tom Manger, Chief of Police
20 July, 2010

CountyStat Principles

- Require Data-Driven Performance
- Promote Strategic Governance
- Increase Government Transparency
- Foster a Culture of Accountability



Agenda

- Welcome and Introductions
- Headline Measures
- Crime Benchmark Analysis
- Gang Crime Trends
- Wrap-up and Follow-up Items

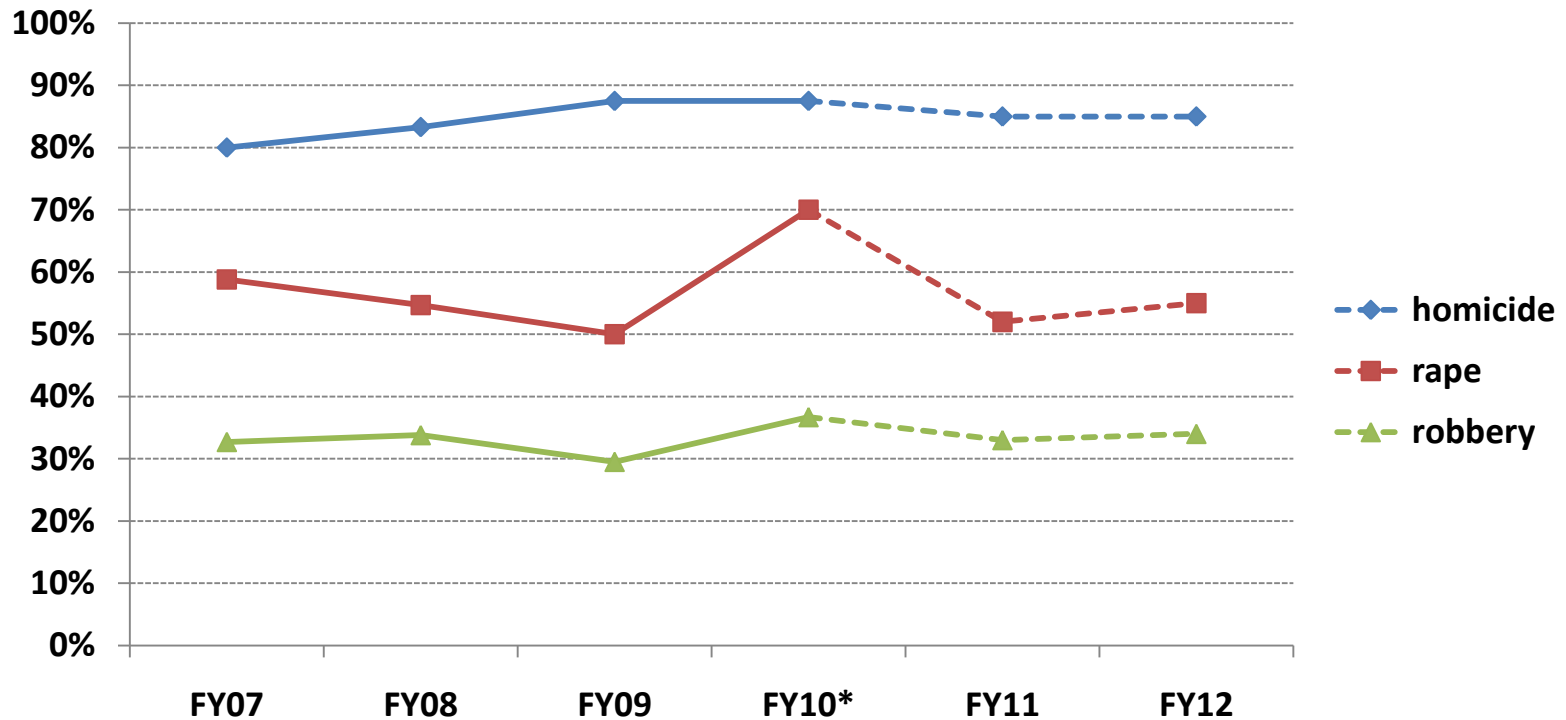


Headline Measures

- Crime Investigation and Closure
 - Homicide Closure Rate
 - Rape Closure Rate
 - Robbery Closure Rate
- 911 Call Response
 - Average Emergency 911 Call Response Time
 - Average Time to Answer 911 Call
 - ECC Call Volume (Emergency and Non-Emergency)
- Traffic Enforcement and Management
 - Annual Traffic Collisions
 - Average Percent Change in Speeding Violations in Areas Monitored by Speed Cameras (*Under Construction*)



Headline Measure: Crime Investigation and Closure



	FY07	FY08	FY09	FY10*	FY11	FY12
Homicide	80.00%	83.30%	87.50%	87.50%	85.00%	85.00%
Rape	58.80%	54.70%	50.00%	70.00%	52.00%	55.00%
Robbery	32.70%	33.80%	29.50%	36.70%	33.00%	34.00%

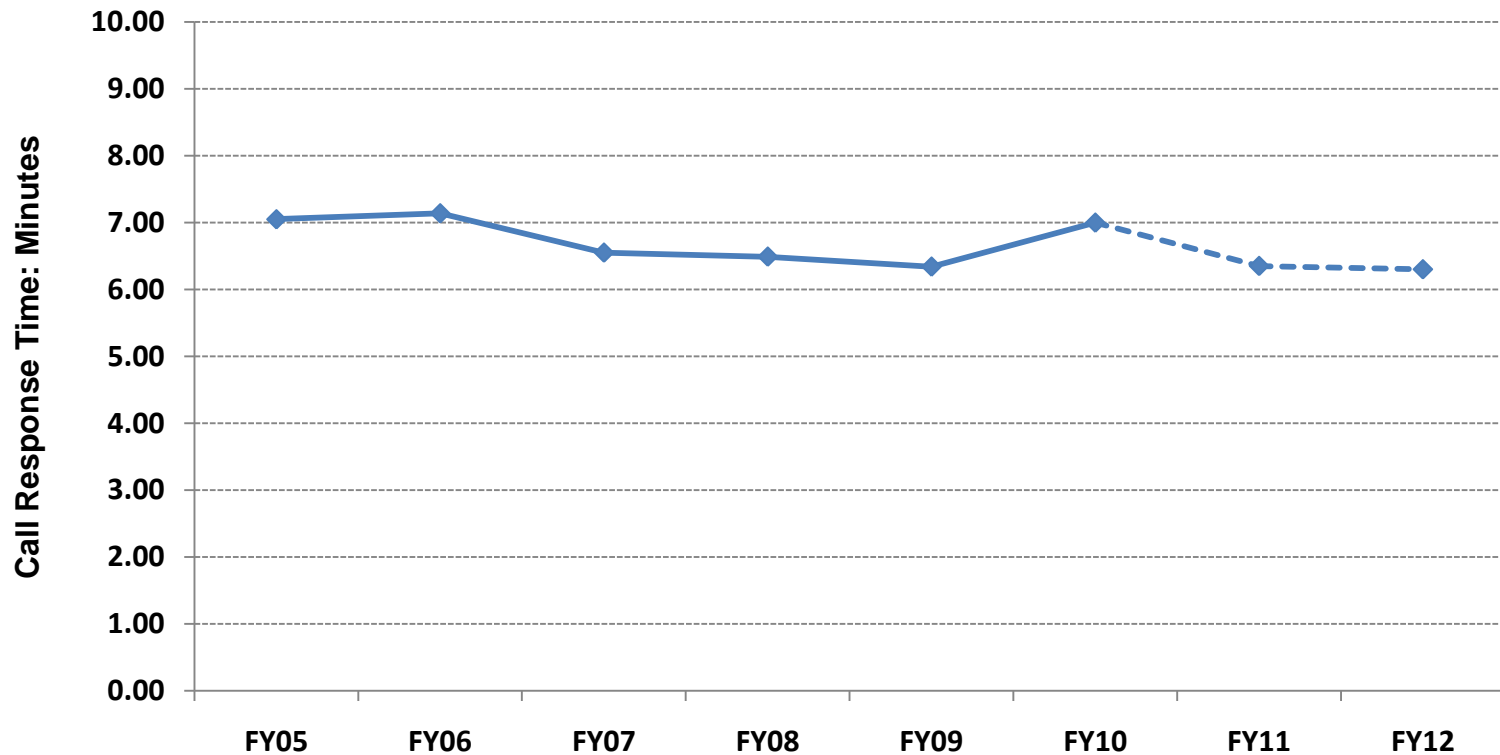
FY10 figures are based on the 1st and 2nd Quarters. Complete FY10 data is not available due to complications with the existing data reporting system.



Source: MCP

CountyStat

Headline Measure: 911 Call Response Time



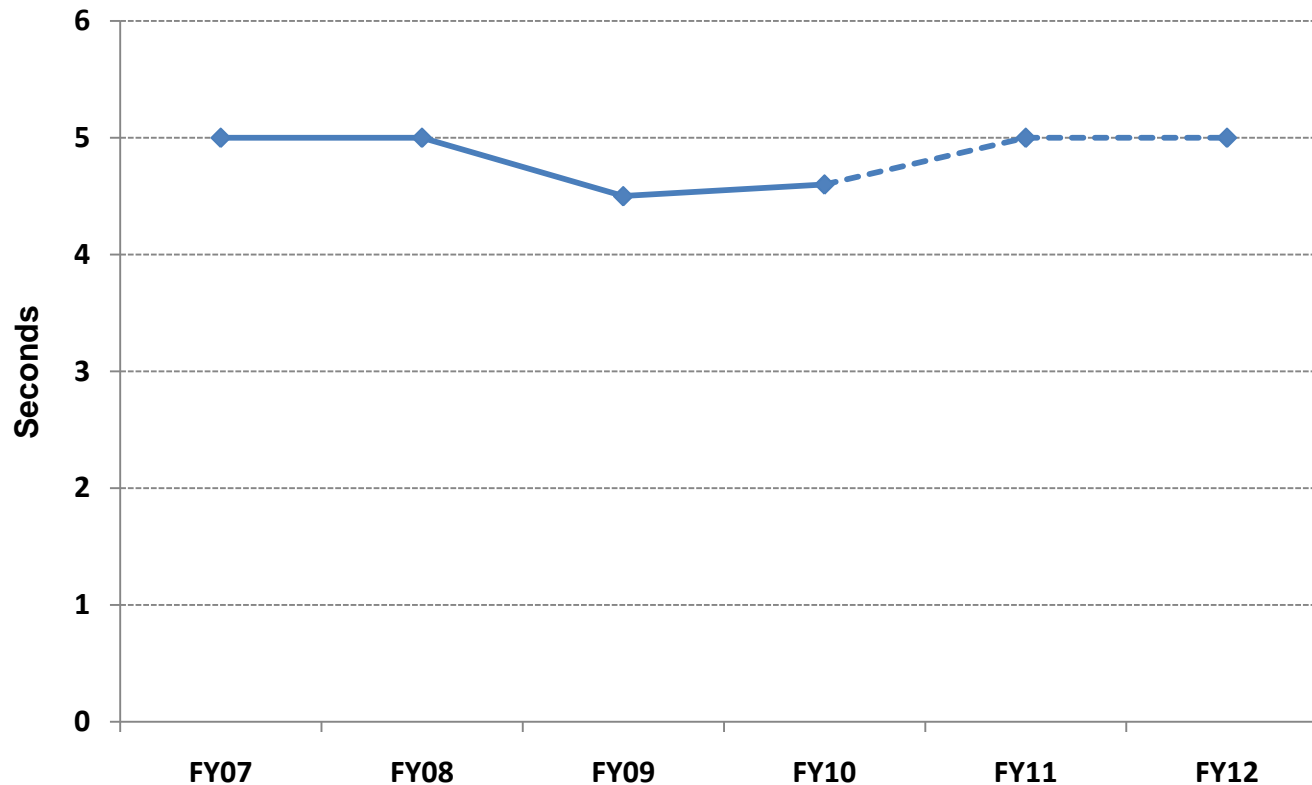
FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
7.05	7.14	6.55	6.49	6.34	7.0	6.35	6.30

The national standard for emergency response is within 7 minutes.



Source: MCP

Headline Measure: Average Time To Answer 911 Call

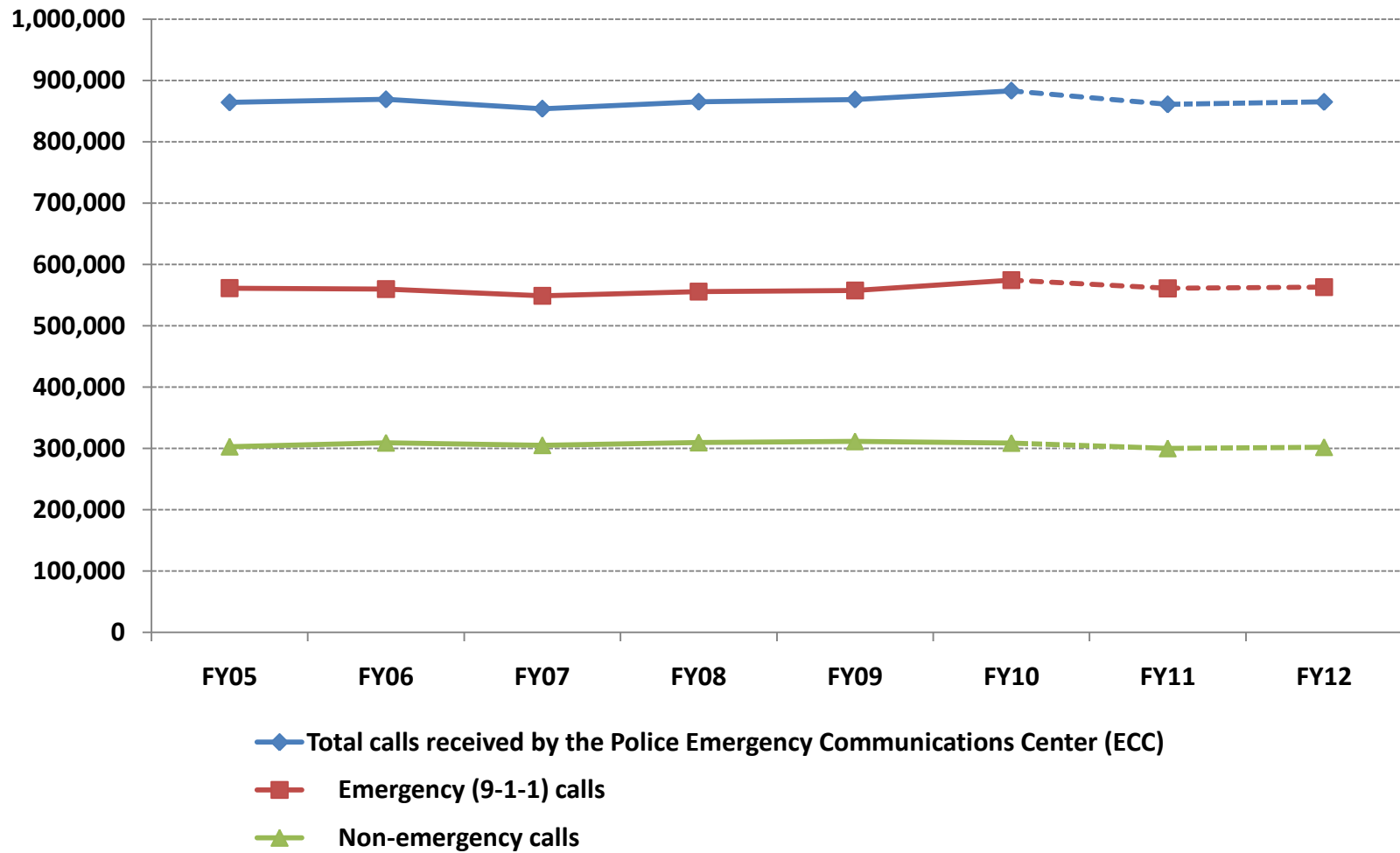


FY07	FY08	FY09	FY10	FY11	FY12
5	5	4.5	4.6	5	5



Source: MCP

Headline Measure: ECC Call Volume



Source: MCP

Headline Measure: ECC Call Volume

	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Total ECC Police calls received	864,213	869,115	854,007	865,235	869,005	883,229	861,000	865,000
Emergency (9-1-1)	561,361	559,932	548,828	555,643	557,532	574,372	561,000	563,000
Non-emergency	302,852	309,183	305,179	309,592	311,473	308,857	300,000	302,000

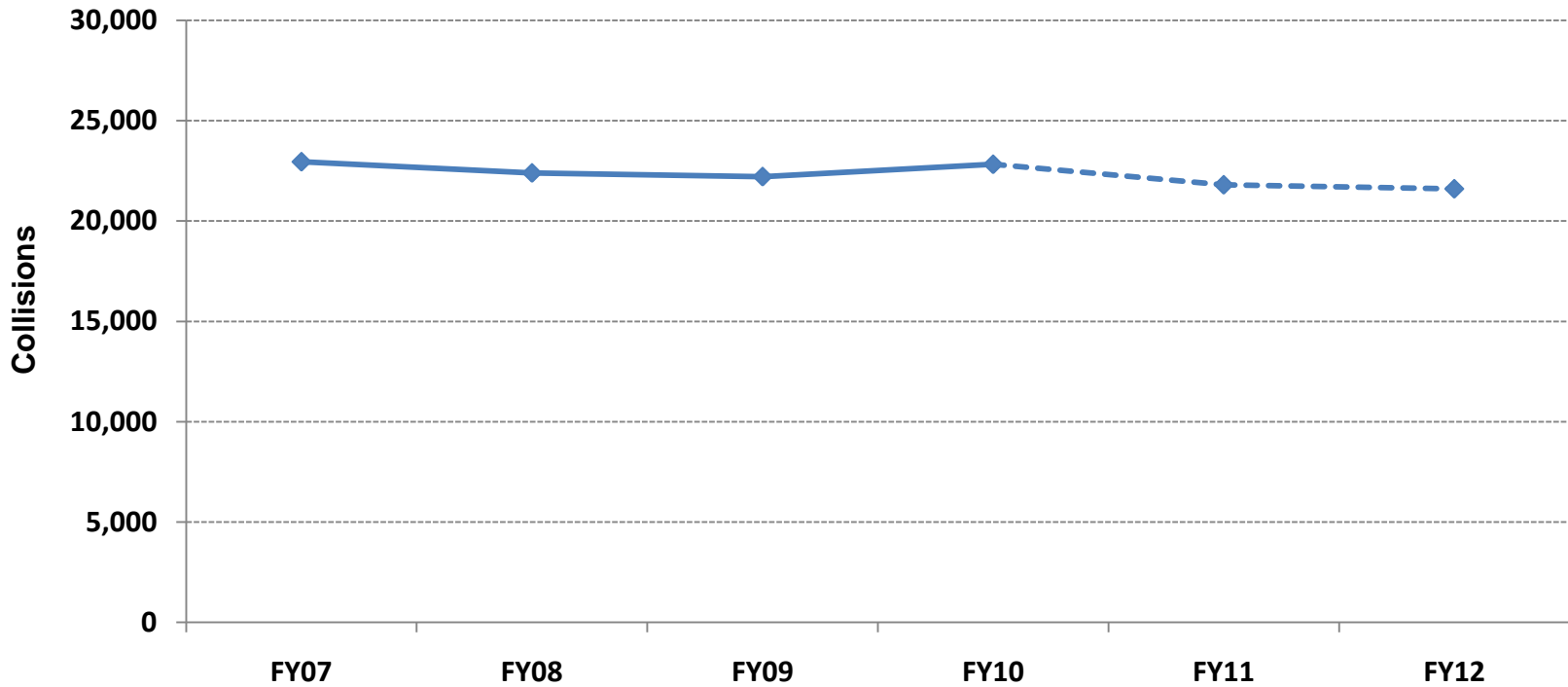
From FY05 to FY10, an average of 35% of total Police ECC calls were categorized as non-emergency.



Source: MCP

CountyStat

Headline Measure: Traffic Collisions



FY07	FY08	FY09	FY10	FY11	FY12
22,954	22,393	22,209	22,825	21,800	21,600



Source: MCP

Crime Benchmark Analysis

Benchmark Analysis of Regional Crime Calendar Years 2005-2009

FBI Uniform Crime Report (UCR) Data Source

- Crime statistics are collected at the local level and reported to the State, who then reports to the FBI in an attempt to build uniform national crime statistics
- All data is reported by calendar year
- 2009 data, while still included in this analysis is categorized as preliminary and was collected from each State
- Frederick County data was removed from this presentation due to large variance in annual statistics due to a small sample size

Benchmark Jurisdictions

Regional Benchmark

- Baltimore County
- Prince George's County
- Howard County
- Arlington County
- Fairfax County
- Loudoun County
- Prince William County
- District of Columbia

While crime is decreasing throughout the region, the goal of this analysis is to determine if there are specific types of crime that could become a concern for Montgomery County



Benchmark Analysis of Regional Crime Methodology

UCR Data Categories

- **Total Police Force Size:** (2009 not yet available)
 - Officers; Civilian Employees
- **Violent Crimes:**
 - Murder/ Non-negligent Manslaughter; Forcible Rape; Robbery; Aggravated Assault
- **Property Crimes:**
 - Burglary; Larceny Theft; Motor Vehicle Theft

Methodology

- **Crime Rates per 100,000**
 - Each figure calculated with use of U.S. Census population estimates for years 2005-2009
 - Regional Benchmark calculated as average crime rate for all benchmark jurisdictions
 - Similar Crime Benchmark is same a Regional without Prince George's County and DC
- **Percentage Change**
 - Total values, not crime rates, used to calculate percentage change in each respective category from year to year and from CY2005 to CY2009
 - Both benchmarks calculated as average of total values for each category



Total Number of Officers for Benchmark Jurisdictions 2005-2008 as reported in UCR

Year (CY)	Arlington County	Baltimore County	District of Columbia	Fairfax County	Howard County	Loudoun County	Montgomery County, MD Internal	Montgomery County, MD UCR	Prince George's County	Prince William County
2005	355	1816	3757	1339	368	381	1131	1193	1403	495
2006	365	1826	3799	1409	380	406	1153	1211	1394	491
2007	361	1882	3907	1454	400	448	1193	1235	1561	512
2008	360	1896	4030	1454	419	460	1190	1277	1504	553



Source: FBI- UCR

Total Officers per 100,000 for Benchmark Jurisdictions 2005-2008 as reported in UCR

Year (CY)	Arlington County	Baltimore County	District of Columbia	Fairfax County	Howard County	Loudoun County	Montgomery County, MD Internal	Montgomery County, MD UCR	Prince George's County	Prince William County
2005	177	232	645	134	138	151	119	128	168	144
2006	179	233	649	141	141	153	122	129	168	140
2007	172	239	665	145	147	162	127	131	189	142
2008	171	241	681	143	152	159	128	134	183	152



Source: FBI- UCR

CountyStat

Overview of Regional Benchmark Findings

Overall, Montgomery County Demonstrates lower crime rates than other “Regional Benchmark” jurisdictions

Notable Findings

- In 2009, total property crime rate (mostly fed by larceny theft) was higher than the regional benchmark
- Comparison of 2005 to 2009 demonstrates the areas of greatest crime decline in categories of Murder/Manslaughter and Vehicle Theft
- Comparison of 2005 to 2009 demonstrates that while regional benchmarks demonstrated a decline in Robbery and Aggravated Assault, Montgomery County Demonstrated an increase
 - Despite this increase, Montgomery County’s crime rate was still lower than other regional benchmark jurisdictions in these categories



Regional Comparison of Montgomery County Crime Rates Per 100,000 Population CY05 - CY09

REGIONAL BENCHMARK

	Total Violent Crime	Murder/ Manslaughter	Forcible Rape	Robbery	Aggravated Assault	Total Property Crime	Burglary	Larceny Theft	Motor Vehicle Theft
2009	222.5	1.3	13.4	109.3	98.5	2477.6	323.4	1966.4	187.7
2008	219.5	2.2	13.8	115.7	87.8	2617.9	379	2001.4	237.5
2007	218.7	2.0	13.7	116.4	86.6	2503.2	377.1	1862.4	263.7
2006	230.2	1.6	15.1	124.6	89.0	2473.9	406.4	1801.1	266.3
2005	223.5	2.0	16.1	111.3	94.1	2356.8	383.8	1705.8	267.2

Color Codes: Lower Than Benchmark Decline Slower Than Benchmark Higher Than Benchmark Equal



Source: CountyStat
Analysis of FBI- UCR Data

CountyStat

Regional Comparison of Montgomery County Crime Rate Per 100,000 Population CY05 Compared to CY09

REGIONAL BENCHMARK

	Total Violent Crime	Murder/ Manslaughter	Forcible Rape	Robbery	Aggravated Assault	Total Property Crime	Burglary	Larceny Theft	Motor Vehicle Theft
Montgomery County	-1	-0.7	-2.7	-2	4.4	120.8	-60.4	260.6	-79.5
Regional Benchmark	-115.6	-3.9	-3.6	-52.3	-55.5	-320.5	-21.9	-57.2	-241.4

Color Codes: Lower Than Benchmark Decline Slower Than Benchmark Higher Than Benchmark Equal



Source: CountyStat
Analysis of FBI- UCR Data

CountyStat

Regional Comparison of Montgomery County Crime Rate Percentage Change Year by Year

REGIONAL BENCHMARK

	Total Violent Crime	Murder/ Manslaughter	Forcible Rape	Robbery	Aggravated Assault	Total Property Crime	Burglary	Larceny Theft	Motor Vehicle Theft
2008-2009	4%	-38%	-1%	-3%	15%	-3%	-13%	0.4%	-19%
2007-2008	1%	11%	2%	0.4%	2%	6%	1%	9%	-9%
2006-2007	-4%	27%	-9%	-6%	-2%	2%	-7%	4%	- 0.4%
2005-2006	4%	-21%	-6%	13%	-5%	6%	7%	6%	0.3%

Color Codes: Lower Than Benchmark Decline Slower Than Benchmark Higher Than Benchmark Equal



Source: CountyStat
Analysis of FBI- UCR Data

CountyStat

Regional Comparison of Montgomery County Crime Rate Percentage Change CY2005 - CY2009

	Total Violent Crime	Murder/ Manslaughter	Forcible Rape	Robbery	Aggravated Assault	Total Property Crime	Burglary	Larceny Theft	Motor Vehicle Theft
Montgomery County	4.0%	-31.6%	-13.3%	2.6%	9.4%	9.8%	-12.0%	20.4%	-26.6%
Regional Benchmark	-24.3%	-47.4%	-15.4%	-24.6%	-23.9%	-7.8%	1.7%	2.1%	-47.0%

Color Codes: Lower Than Benchmark Decline Slower Than Benchmark Higher Than Benchmark Equal



Source: CountyStat
Analysis of FBI- UCR Data

CountyStat

REGIONAL BENCHMARK

Montgomery County Police Reflections On Crime Benchmark Findings

- **Do these findings meet the Department's expectations?**
 - Based on previous trends these findings reflect anticipated outcomes
- **How are the Department's operations reflected in this data?**
 - The Department's use of specialized units to combat crime trends through enforcement and community involvement has been very effective in making arrests and preventing crime.
 - The PCAT , gang unit, community services officers and patrol officers are directed based on crime trends and previous crime history.
- **How would the Department apply this information to future decision making practices?**
 - The Department will continue to use crime analysis to deploy our patrol officers and our specialized units to combat crime and to prevent crime from occurring.
 - CAD data and real-time analysis benefits our communities and our officers to make plans and to respond to problems cooperatively.



Montgomery County Gang Crime Trends

Understanding Gang Crime Trends

For operational purposes and to provide the public with the highest level of clarity, gang crime data should demonstrate which types of crimes are most prevalent

■ Analysis Methodology

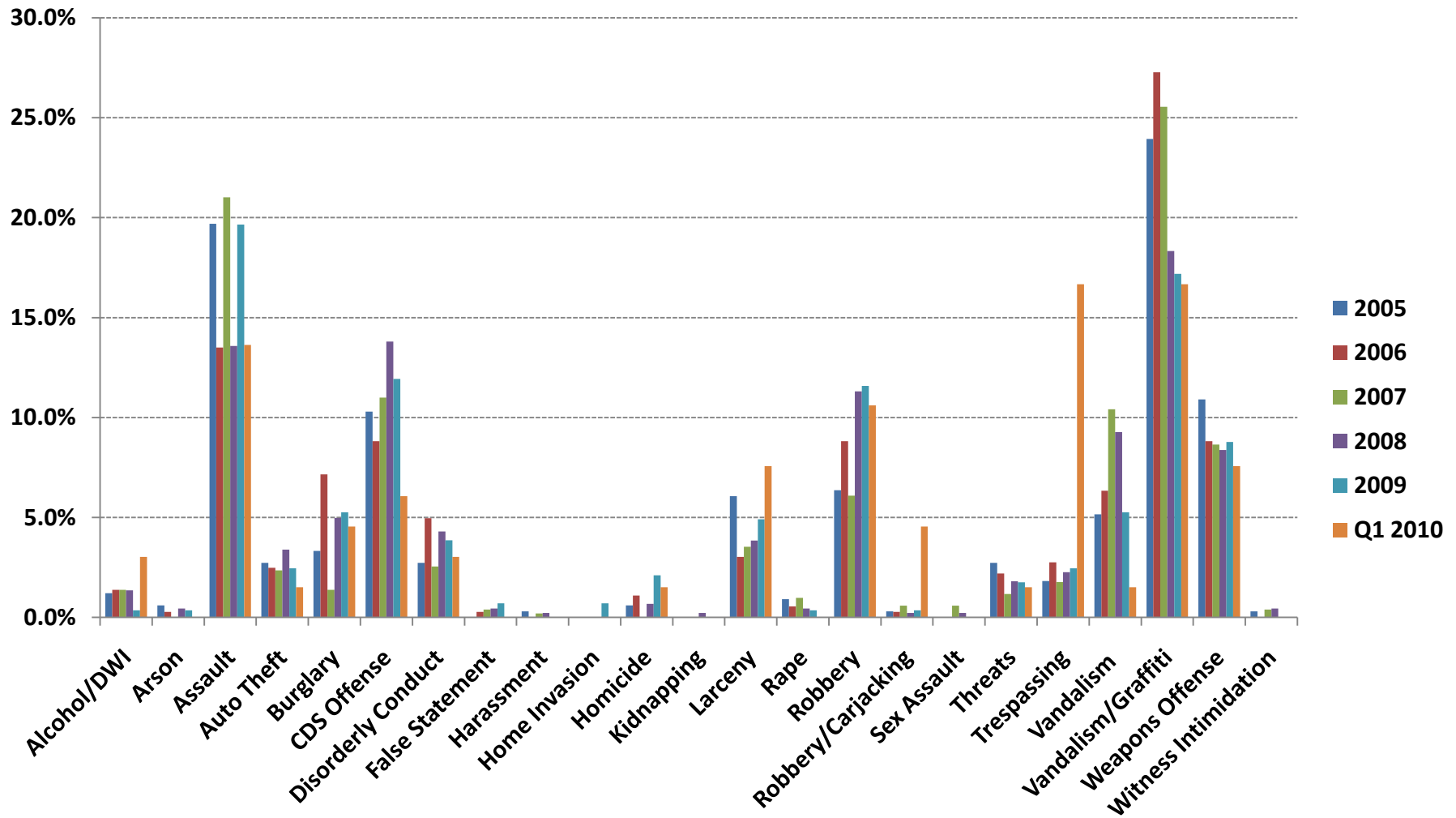
- Calculated respective frequency of each type of identified gang crime as a percentage of overall gang crime for that year
- Analyzed data from calendar years 2005 through 2009 as well as Q1, 2010

■ Initial Observations

- On average, the majority of gang crime (67%) falls within one of the following categories
 - Assaults; Drug Possession; Robbery; Vandalism/Graffiti; Weapons Offense
- On average, Graffiti Vandalism accounts for the largest portion of gang crime at 21% followed by Assaults at 17%



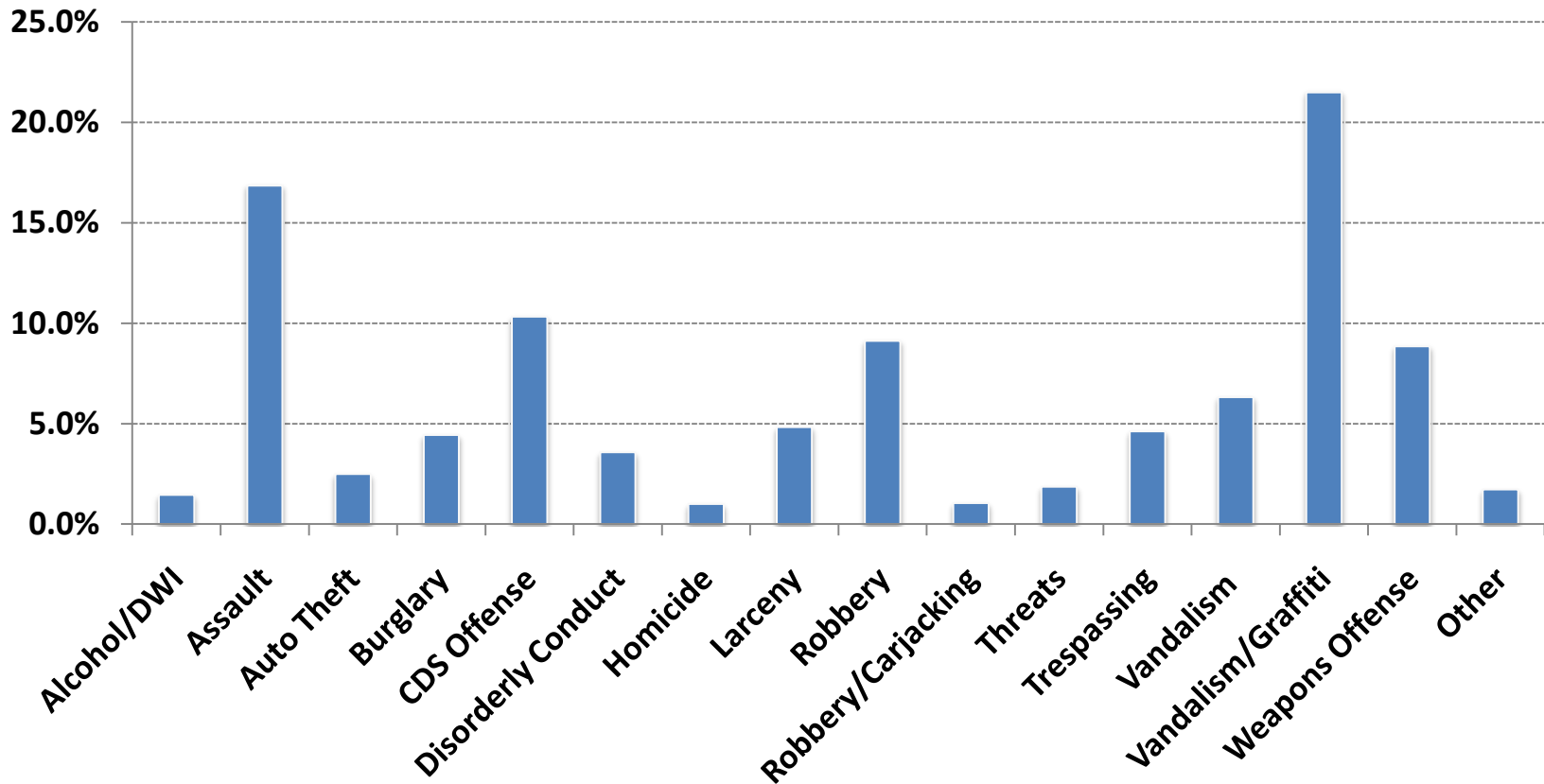
Percentage of Total Gang Crime by Type 2005 - 1st Quarter 2010



Source: Analysis of MCP
Data

CountyStat

Average Percentage of Total Gang Crime by Type 2005 - 1st Quarter 2010



Comparing these proportions to overall County crime figures would quantify the need for specialized anti-gang crime initiatives



Other = Any Gang Crime type that accounts for less than 1% average percentage

Source: Analysis of MCP
Data

Percentage of Total Gang Crime by Type

2005 - 1st Quarter 2010 without Types less than 1%

	2005	2006	2007	2008	2009	Q1 2010
Alcohol/DWI	1.2%	1.4%	1.4%	1.4%	0.4%	3.0%
Assault	19.7%	13.5%	21.0%	13.6%	19.6%	13.6%
Auto Theft	2.7%	2.5%	2.4%	3.4%	2.5%	1.5%
Burglary	3.3%	7.2%	1.4%	5.0%	5.3%	4.5%
CDS Offense	10.3%	8.8%	11.0%	13.8%	11.9%	6.1%
Disorderly Conduct	2.7%	5.0%	2.6%	4.3%	3.9%	3.0%
Homicide	0.6%	1.1%	0.0%	0.7%	2.1%	1.5%
Larceny	6.1%	3.0%	3.5%	3.8%	4.9%	7.6%
Robbery	6.4%	8.8%	6.1%	11.3%	11.6%	10.6%
Robbery/Carjacking	0.3%	0.3%	0.6%	0.2%	0.4%	4.5%
Threats	2.7%	2.2%	1.2%	1.8%	1.8%	1.5%
Trespassing	1.8%	2.8%	1.8%	2.3%	2.5%	16.7%
Vandalism/Graffiti	23.9%	27.3%	25.5%	18.3%	17.2%	16.7%
Weapons Offense	10.9%	8.8%	8.6%	8.4%	8.8%	7.6%



Source: Analysis of MCP
Data

CountyStat

Wrap-Up and Follow-Up Items

Follow-Up Meeting

